In the Claims

Please amend the claims as follows (the changes are shown with ~~strikethrough~~ for deleted matter and underlining for added matter). A complete listing of the claims is set out below with proper claim identifiers.

1. (Canceled)

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13. (Canceled)

14. (Currently Amended) A ~~production~~ method of ~~a~~ producing a multilayered endless medium conveying belt having an electrically conductive electrode pattern on an outer circumferential surface of ~~a multi-layered endless~~ the belt and ~~further having~~ an electrode protective layer on an outer circumferential surface of the electrode pattern, ~~the production method~~ comprising the steps of:

~~a step of~~ preparing a laminated source material film composed of a plurality of layers including a layer of nonthermoplastic polyimide film~~,~~ and a layer of thermoplastic resin;

~~a step of preparing a film with an electrode pattern by~~ forming one ~~an~~ electrode pattern for one circumferential length of a tubular object at one end on one surface of a layer ~~monolayer film~~ of the laminated source material film ~~or thermoplastic resin~~;

~~a winding step of~~ winding the laminated source material film with the one electrode pattern formed thereon at least two times around an axial core so that the electrode pattern formed on the one surface of a layer of the laminated source material film forms said electrode pattern on ~~forms~~ the outermost circumferential surface of the wound laminated source material film, and further winding a resin film ~~for forming the electrode protective layer~~ at least two times around the wound laminated source material film on a surface of ~~the~~said electrically conductive electrode pattern to form an electrode protective layer; and

~~a heat-welding step of~~ heat-welding the laminated source material film with ~~the~~said electrically conductive electrode pattern ~~and the resin film for the electrode protective layer which~~ formed thereon and the protective resin ~~later~~ layer thereover while they are wound around the axial core to form the medium conveying belt.

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70. (Previously Presented) The production method of a medium conveying belt according to claim 14, wherein said source material film is a laminate film formed by disposing an adhesive layer formed from at least one selected from the group consisting of epoxy resin, silicone resin, vinyl ester resin, phenolic resin, unsaturated polyester resin, bismaleimide resin, urethane resin, melamine resin, and urea resin, on an entire surface or a specific portion of one surface or both surfaces of a nonthermoplastic polyimide film.

71. (Previously Presented) The production method of a medium conveying belt according to claim 14, wherein said source material film is a laminate film formed by disposing a thermoplastic resin layer made of a thermoplastic polyimide resin or at least one resin selected from the group consisting of polyether sulfone, polyethylene terephtalate, polyethylene naphthalate, polyether ether ketone, polyphenylene sulfide, polyetherimide, polysulfone, polyamideimide, polyetheramide, and polyarylate, on an entire surface or a specific portion of one surface of a nonthermoplastic polyimide film.

72. (Currently Amended) The production method of a medium conveying belt according to claim 14, wherein said source material film is formed by laminating a monolayer film made of a thermoplastic polyimide resin or at least one resin selected

from the group consisting of polyether sulfone, polyethylene terephthalate, polyethylene naphtalate, polyether ether ketone, polyphenylene sulfide, polyetherimide, polysulfone, polyamideimide, polyetheramide, and polyarylate to a nonthermoplastic polyimide film.

73. (Currently Amended) The production method of a medium conveying belt according to claim 72, further comprising a delivering step of delivering the ~~thermoplastic resin~~monolayer film and the nonthermoplastic polyimide film.

74. (Currently Amended) The production method of a medium conveying belt according to claim 14, further comprising the step ~~wherein said electrode pattern forming step comprises a substep~~ of forming ~~an~~ another electrode pattern for one circumferential length of a tubular object at the other end on the opposite ~~one~~ surface of said one layer of laminated source material film, ~~and said winding step is~~ winding the film with the electrode patterns formed thereon at least two times around an axial core so that one electrode pattern ~~forms~~is on the outermost circumferential surface and the other electrode pattern ~~forms~~is on the innermost circumferential surface of said laminated source material film, and further winding a resin film for forming the electrode protective layer at least two times around the electrode pattern on the outermost circumferential surface ~~on a surface of the electrode pattern~~.

75. (Currently Amended) The production method of a medium conveying belt according to claim 70, further comprising the step ~~wherein said electrode pattern forming step comprises a substep~~ of forming ~~an~~ another electrode pattern for one circumferential length of a tubular object at the other end on the opposite ~~one~~ surface of said one layer of laminated source material film, ~~and said winding step is~~ winding the film with the electrode patterns formed thereon at least two times around an axial core so that one electrode pattern ~~forms~~ is on the outermost circumferential surface and the other electrode pattern ~~forms~~ is on the innermost circumferential surface of said laminated source material film, and further winding a resin film for forming the electrode protective layer at least two times around the electrode pattern on the outermost circumferential surface ~~on a surface of the electrode pattern~~.

76. (Currently Amended) The production method of a medium conveying belt according to claim 71, further comprising the step ~~wherein said electrode pattern forming step comprises a substep~~ of forming ~~an~~ another electrode pattern for one circumferential length of a tubular object at the other end on the opposite ~~one~~ surface of said one layer of laminated source material film, ~~and said winding step is~~ winding the film with the electrode patterns formed thereon at least two times around an axial core so that one electrode pattern ~~forms~~ is on the outermost circumferential surface and the other electrode pattern ~~forms~~ is on the innermost circumferential surface of said laminated source material film, and further winding a resin film for forming the electrode protective layer at least two times around the electrode pattern on the outermost circumferential surface ~~on a surface of the electrode pattern~~.

77. (Currently Amended) The production method of a medium conveying belt according to claim 72, further comprising the step ~~wherein said electrode pattern forming step comprises a substep~~ of forming ~~an~~ another electrode pattern for one circumferential length of a tubular object at the other end on the opposite ~~one~~ surface of said one layer of laminated source material film, ~~and said winding step is~~ winding the film with the electrode patterns formed thereon at least two times around an axial core so that one electrode pattern ~~forms~~ is on the outermost circumferential surface and the other electrode pattern ~~forms~~ is on the innermost circumferential surface of said laminated source material film, and further winding a resin film for forming the electrode protective layer at least two times around the electrode pattern on the outermost circumferential surface ~~on a surface of the electrode pattern~~.

78. (Currently Amended) The production method of a medium conveying belt according to claim 73, further comprising the step ~~wherein said electrode pattern forming step comprises a substep~~ of forming ~~an~~ another electrode pattern for one circumferential length of a tubular object ~~each at one end on one surface and~~ at the other end on the opposite surface of said one layer ~~and said winding step is~~ of laminated source material film, winding the film with the electrode ~~pattern~~ patterns formed thereon at least two times around an axial core so that one electrode pattern is on ~~forms~~ the outermost circumferential surface and the other electrode pattern ~~forms~~ is

on the innermost circumferential surface of said laminated source material film, and further winding a resin film for forming the electrode protective layer at least two times ~~on a surface of the electrode pattern~~ around the electrode pattern on the outermost circumferential surface.

79. (Currently Amended) The production method of a medium conveying belt according to any one of claims 14 and 70-78, including the step of forming a hole in at least one layer of said laminated source material film ~~wherein a hole is formed in said one layer~~ so that the one electrode pattern is exposed to the inside of the medium conveying belt after winding and heating, or narrowing the width of said at least one layer ~~is narrowed~~ in a direction perpendicular to the circumferential direction ~~, and an~~ for the same purpose, whereby electric power can be supplied from the inside of the belt in applying a voltage to the one electrode pattern ~~between the two layers~~.

80. (Currently Amended) The production method of a medium conveying belt according to any one of claims 14 and 70-78, further comprising a post-processing step of bending an end of the film with the one electrode pattern together with that electrode pattern to the inside of the medium conveying belt for contact-bonding by heating,

wherein the width of said electrode protective layer is narrowed in a direction perpendicular to the circumferential direction so that said electrode protective layer is~~become~~s narrower than that of said one layer.

81. (Currently Amended) The production method of a medium conveying belt according to any one of claims 14 and 70-78, wherein an electrical conduction is established between the one electrode pattern and the inside surface of the medium conveying belt by drilling a hole through the medium conveying belt and forming a through-hole with an electrically conductive paste, or by processing with an electrically conductive fiber using a sewing machine, or by using an eyelet, a stapler, or another method, whereby an electric power can be supplied from the inside of the belt in applying a voltage to the one electrode pattern ~~between the two layers~~.

82. (Previously Presented) The production method of a medium conveying belt according to any one of claims 14 and 70-78, wherein the axial core used in said

winding step comprises a main body and an attachable and detachable thin metal layer fitted onto the main body.

83. (Previously Presented) The production method of a medium conveying belt according to claim 82, wherein said attachable and detachable thin metal layer has an adhesion preventive layer disposed on a surface thereof.

84. (Currently Amended) The production method of a medium conveying belt according to any one of claims 14 and 70-78, wherein said heating step comprises:

a step of attaching a tubular cover bag on an outermost circumferential surface of the wound electrode protective layer to cover the whole of the laminated source material film with the electrode pattern and the electrode protective layer with the cover bag; and

a step of heat-welding the laminated source material film with the electrode pattern and the electrode protective layer in a state in which an outside of the cover bag receives a pressure higher than a pressure applied to an inside of the cover bag.

85. (Previously Presented) The production method of a medium conveying belt according to claim 84, wherein a surface roughness Ra of the inside of said tubular cover bag is at most 0.5 μm.

86. (Previously Presented) The production method of a medium conveying belt according to claim 84, wherein a surface roughness Rz of the inside of said tubular cover bag is at most 2.0 μm.

87. (Previously Presented) The production method of a medium conveying belt according to claim 84, wherein the cover bag has a rubber elasticity.

88. (Previously Presented) The production method of a medium conveying belt according to claim 85, wherein the cover bag has a rubber elasticity.

89. (Currently Amended) The production method of a medium conveying belt according to claim 86 ~~87~~, wherein the cover bag has a rubber elasticity.

90. (Previously Presented) The production method of a medium conveying belt according to any one of claims 14 and 70-78, wherein a filler having the maximum particle size of at most 5 μm is introduced into the material film or the thermoplastic resin film constituting said medium conveying belt.

91. (Previously Presented) The production method of a medium conveying belt according to claim 80, wherein a filler having the maximum particle size of at most 5 μm is introduced into the material film or the thermoplastic resin film constituting said medium conveying belt.

92. (Previously Presented) The production method of a medium conveying belt according to claim 79, wherein a filler having the maximum particle size of at most 5 μm is introduced into the material film or the thermoplastic resin film constituting said medium conveying belt.

93. (Previously Presented) The production method of a medium conveying belt according to any one of claims 14 or 70-78, wherein an electric power supplying part is disposed only on one side.

94. (Previously Presented) The production method of a medium conveying belt according to claim 79, wherein an electric power supplying part is disposed only on one side.

95. (Previously Presented) The production method of a medium conveying belt according to claim 80, wherein an electric power supplying part is disposed only on one side.

96. (Currently Amended) The production method of a medium conveying belt according to claim 84, wherein said step of heat-welding the laminated source material ~~the~~ film with the electrode pattern and the electrode protective layer is a step of heat-welding the laminated source material film with the electrode pattern and the electrode protective layer in a state in which an outside of the cover bag receives a gas pressure higher than a gas pressure applied to an inside of the cover bag.

97. (Currently Amended) The production method of a medium conveying belt according to claim 84, wherein said step of heat-welding the laminated source material film with the electrode pattern and the electrode protective layer is a step of heat-welding the laminated source material film with the electrode pattern and the electrode protective layer after bringing the inside of the cover bag into a reduced pressure state.

98. (Currently Amended) The production method of a medium conveying belt according to claim 96, wherein said step of heat-welding the laminated source material film with the electrode pattern and the electrode protective layer is a step of heat-welding the laminated source material film with the electrode pattern and the electrode protective layer after bringing the inside of the cover bag into a reduced pressure state.